

## ALLEN & HEATH ZED-16FX

### TECHNICAL DETAILS

Mixer category	Audio
Mixer type	Analog
Channels	3 (Stereo)
Channels	10 (Mono, mic/line)
Frequency response (Hz)	20 ~ 20000 (+0.5/-1dB, Mic)
Frequency response (Hz)	10 ~ 30000 (+0.5/-1dB, Line & Stereo)
THD+n (%)	0.005 (0dB, 1kHz, Line)
THD+n (%)	0.004 (0dB, 1kHz, Mic)
THD+n (%)	0.003 (0dB, 1kHz, Stereo)
Headroom (dB)	21 (Analog)
Headroom (dB)	14 (USB)
Connectors	10 x 6.25mm jack (TRS line input)
Connectors	3 x 6.25mm jack (Mono output; Phones; Foot switch)
Connectors	1 x USB-B
Connectors	4 x RCA (Rec & Alt output)
Connectors	2 x XLR (3-pin, Main output)
Connectors	10 x XLR (3-pin, Mono mic input)
Connectors	8 x 6.25mm jack (ST1-4 input)
Connectors	10 x 6.25mm jack (Unbalanced Insert input)
Connectors	4 x RCA (Stereo input, ST RTN & 2TRK RTN)
Connectors	2 x 6.25mm jack (Insert L/R)
Connectors	1 x 3.5mm jack
Connectors	3 x 6.25mm jack (AUX output)

Power supply	100-240V AC; 47-63Hz
Width (mm)	464
Height (mm)	98
Depth (mm)	450
Net weight (kg)	8.5

## PRODUCT DESCRIPTION

SQM Rental House offers the ZED-16FX analog audio mixer from the British manufacturer Allen & Heath, which has a 16-preset effects processor and a two-stage DuoPre preamplifier. The modular mixer is equipped with 100 mm, solid and well-finished faders.

ZED-16FX offers 10 monophonic line/microphone channels on XLR and 6.25mm TRS connectors. In addition, on each monophonic channel, there is an Insert input under which there are two-scale gain regulators - from -10 to 25 decibels and from -6 to 63 decibels. Below the regulators, there is a high-pass filter (100 Hz) and a three-band equalizer that allows you to tune medium frequencies from 120 to 4000 hertz. High frequencies are tuned to 12kHz, and low to 80Hz - all of them can be changed in the range from -15 to +15dB.

Nextly, there are (sequentially) the AUX track regulators, panorama adjuster, channel mute button, Pre-Fade Listen button, and the fader.

In addition to 10 mono channels, the user has been offered 3 stereo channels (via RCA and USB-B connectors) with the possibility of tuning high (12kHz) and low (80Hz) frequencies with +/- 15dB correction.

AUX, XLR, and mono TRS outputs are available in the Master section. In addition, the panel offers headphone jacks (3.5- and 6.25-mm), or a phantom power button, under which the preset panel is located.

Versatile and compact Allen & Heath ZED-16FX mixer weighs 8.5 kilograms and will perfectly work both in the studio and on stage.

Product link:

<https://rentalhouse.sqm.eu/gb/audio-mixers/37-allen-heath-zed-16fx.html>